

09/882,563

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
CENTRAL FAX CENTER

In re Patent Application of:

Bennett et al.

Application No.: 09/882,563

Docket No.: P11240

Filed: June 15, 2001

For: SELECTING ONE OF MULTIPLE  
SPEECH RECOGNIZERS IN A SYSTEM  
BASED ON PERFORMANCE  
PREDICTIONS RESULTING FROM  
EXPERIENCE (as amended)

Examiner: Daniel A. Nolan

Art Unit: 2654

VIA FAX (703) 872-9306

NOV 08 2004

*Please enter  
the amendment  
11/8/04***AMENDMENT AFTER FINAL AND  
PETITION FOR A TWO MONTH EXTENSION OF TIME**Mail Stop AF  
ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. § 1.136(a), Applicants for the above-identified application respectfully petitions the Commissioner for a two (2) month extension of time, extending the period for response to Nov. 8, 2004, from the Office Action dated June 7, 2004. Please charge the petition filing fee of \$420.00 to Deposit Account No. 50-0221.

If it should be determined that a longer extension of time is required to prevent this application from being abandoned, please charge any additional fees to Deposit Account No. 50-0221. A copy of the Fee Transmittal is enclosed for deposit account charging purposes.

In response to the Advisory Action mailed Oct. 29, 2004, please reconsider the pending claims based on the following amendment.

09/882,563

Amendments to the Claims

Claims 1-2. (cancelled)

Claim 3. (previously amended) A method for selecting a recognizer from a number of recognizers, the method comprising:

- a) receiving an input stream;
- b) deriving selection information, wherein the selection information includes performance-related information;
- c) deriving enabling information, and using the enabling information to enable at least one selected recognizer to process the input stream;
- d) using the selection information to select results from at least one enabled recognizer; and
- e) returning the results to an application.

Claim 4. (previously amended) A method for selecting a recognizer from a number of recognizers, the method comprising:

- a) receiving an input stream;
- b) deriving selection information, wherein the selection information includes performance-related information;
- c) deriving enabling information, and using the enabling information to enable at least one selected recognizer to process the input stream;
- d) using the selection information to select results from at least one enabled recognizer,

wherein the enabling information is used to enable a recognizer based upon its expected future performance; and

- e) returning the results to an application.

Claim 5. (previously amended) The method of claim 3, wherein the enabling information comprises at least one type of information from the group comprised of:

09/882,563

channel characteristics, device characteristics, user information, contextual information, dialog state, recognizer costs and performance history.

Claims 6-26. (cancelled)

Claim 27. (previously amended) An article containing machine-readable code that, when executed, causes the machine to

- a) receive an input stream;
- b) derive enabling information, wherein the enabling information includes performance-related information;
- c) use the enabling information to select an enabled recognizer; and
- d) return results from the enabled recognizer to an application.

Claim 28. (original) The article of claim 27, the code causing the machine to derive enabling information includes code, that when executed, causes the machine to analyze the input stream for channel characteristics.

Claim 29. (original) The article of claim 27, the code causing the machine to derive enabling information includes code, that when executed, causes the machine to receive contextual information associated with the input stream.

Claim 30. (original) The article of claim 27, the code including code, that when executed, causes the machine to receive feedback and include the feedback in the selection information.

Claim 31. (previously added) The method of claim 3, wherein the enabling information comprises recognizer costs.

Claims 32-34. (cancelled)

09/882,563

**Claim 35. (previously added)**The method of claim 29, wherein contextual information comprises information from at least one item of information derived from the set of information comprising information related to the environment around the input stream, characteristics of a user generating the input stream, information derived from a call using network services, gender, age, ethnicity, information relating to the user's first (native) language, personal information about the user, channel characteristics and device characteristics.

**Claim 36. (previously added)**The method as recited in claim 35, wherein the contextual information is obtained dynamically.

**Claim 37. (previously added)**The method as recited in claim 35, wherein the contextual information is predetermined.

**Claims 38-39. (cancelled)**

**Claim 40. (previously added)**The method as recited in claim 3, wherein the method further comprises receiving feedback and including the feedback in the selection information.

**Claim 41. (previously added)**The method as recited in claim 3, wherein the derived enabling information including performance-related information comprises performance tracking using enabling information to select at least one recognizer.

**Claim 42. (previously added)**The method as recited in claim 3, wherein the selecting results from one of the at least on enabled recognizers is based on selection information comprising performance predictors.

**Claim 43. (previously added)**The method as recited in claim 42, wherein the performance predictors are selected from a group or predictors comprising channel

09/882,563

characteristics, device characteristics, user information, contextual information, dialog state, and individual-results confidence.

Claim 44. (previously added)The article as recited in claim 27, wherein the machine-readable code further causes the machine to receive feedback and includes the feedback in selection information.

Claim 45. (previously added)The article as recited in claim 27, wherein the derived enabling information includes performance-related information comprising performance tracking, wherein the performance-tracking uses enabling information to select at least one recognizer.

Claim 46. (previously added)The article as recited in claim 27, wherein selecting results from one of the at least on enabled recognizers is based on selection information comprising performance predictors.

09/882,563

Remarks


Reconsideration of the above referenced application in view of the enclosed amendment and remarks is requested. Applicants note with appreciation that the Examiner has allowed Claims 3-5, 27-31, 35-37 and 40-46. Claims 1-2, 6-26, 32-34, and 38-39 have been cancelled in order to put the application into immediate condition for allowance. Existing Claims 3-5, 27-31, 35-37 and 40-46 remain in the application.

CONCLUSION

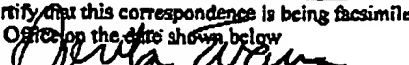
In view of the foregoing, Claims 3-5, 27-31, 35-37 and 40-46 are all in condition for allowance and should be allowed to issue at the earliest possible time. If the Examiner has any questions, the Examiner is invited to contact the undersigned at (703) 633-6845. Early issuance of Notice of Allowance is respectfully requested.

Respectfully submitted,

Dated: 11/8/2004

  
Joni D. Stutman-Horn  
Patent Attorney  
Intel Corporation  
Registration No. 42,173  
(703) 633-6845

Intel Americas, Inc.  
4030 Lafayette Center Drive  
MS LF3  
Chantilly, VA 20151

CERTIFICATE OF TRANSMISSION	
I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below	
By:  Serita Evans	Date: November 8, 2004